

1 / 17

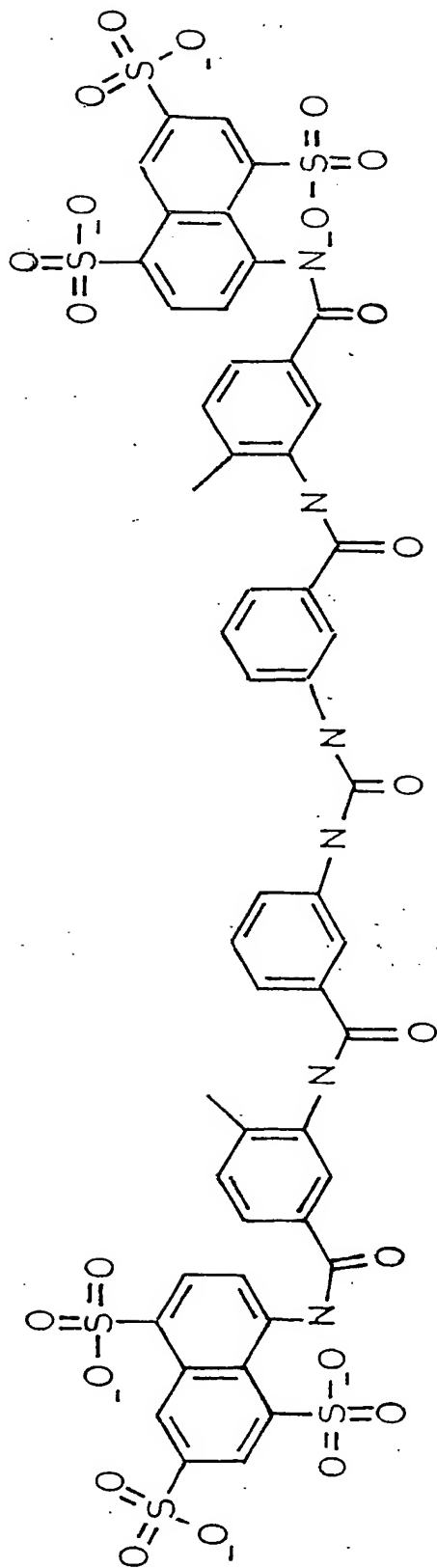
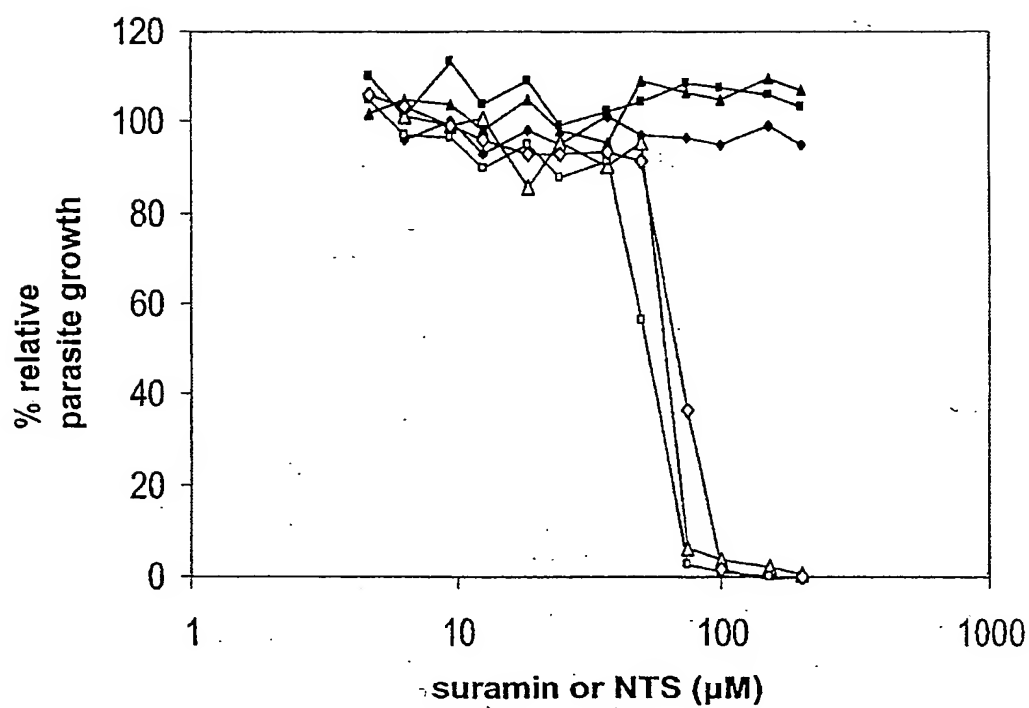


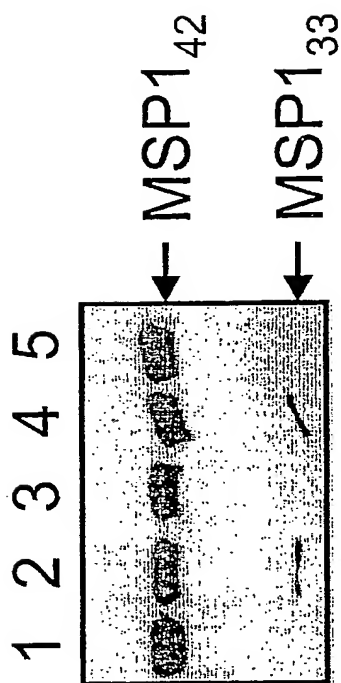
Fig. 1

BEST AVAILABLE COPY

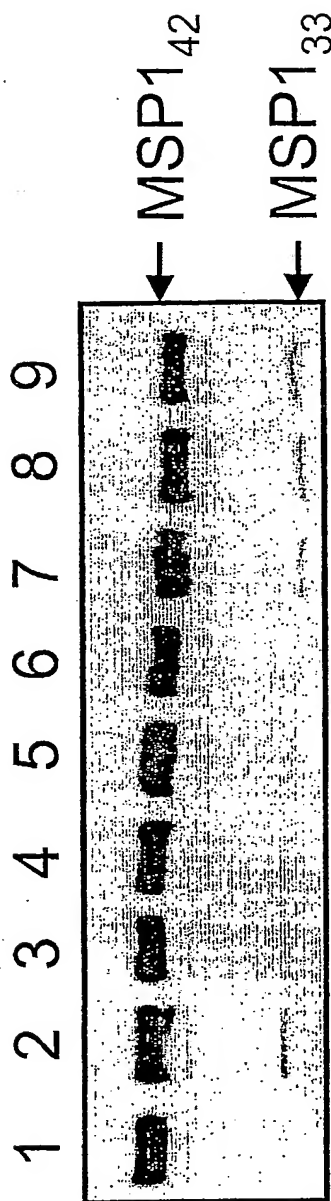
2 / 17

*Fig. 2*

3 / 17



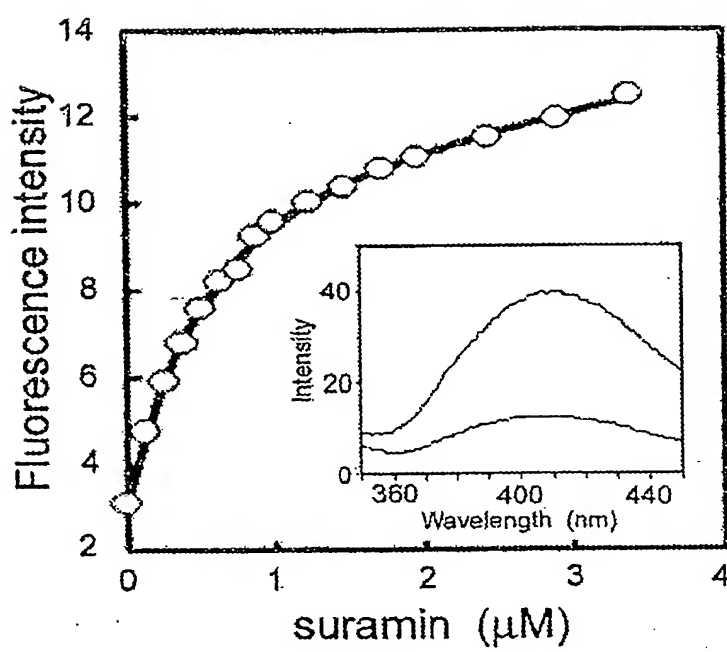
A.



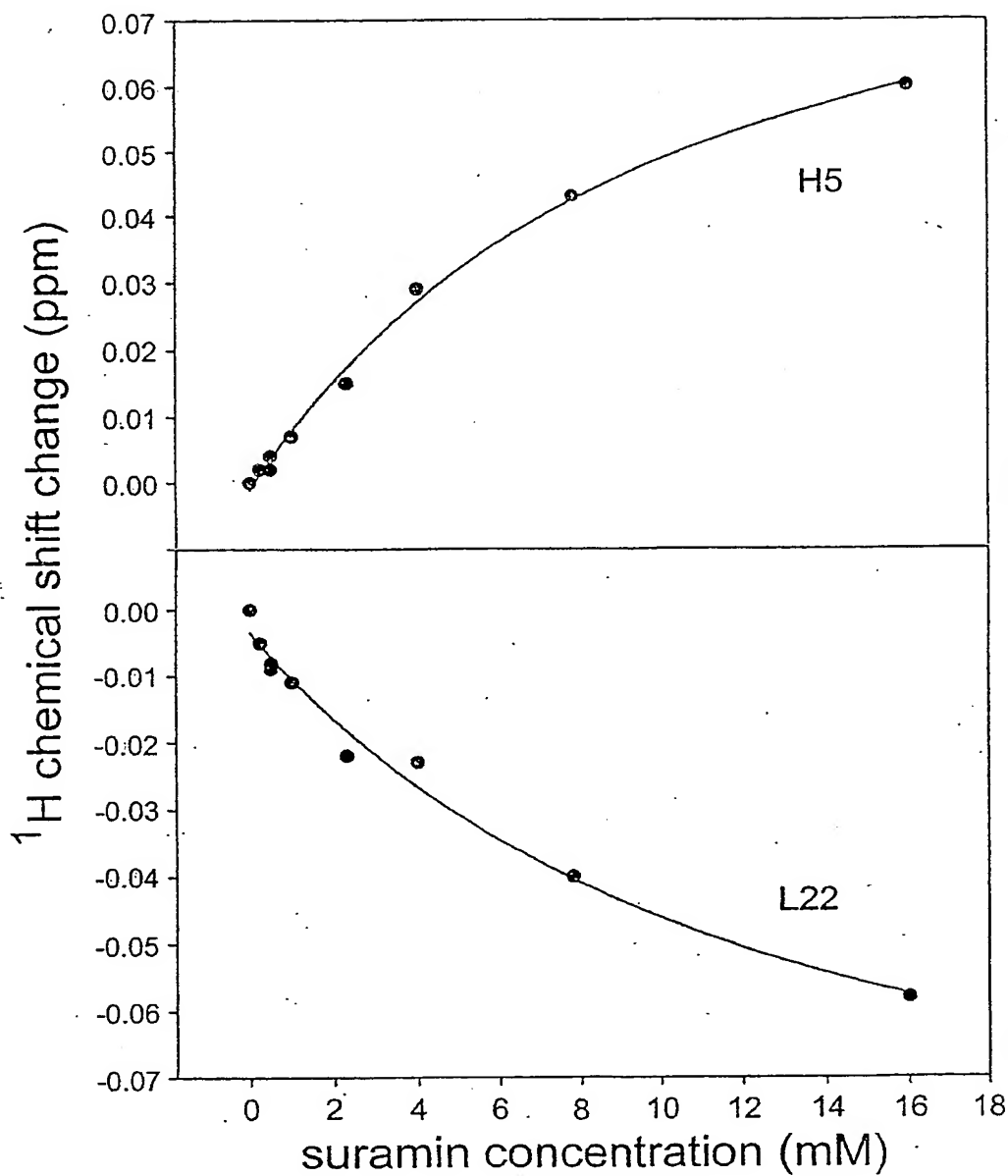
B.

Fig. 3

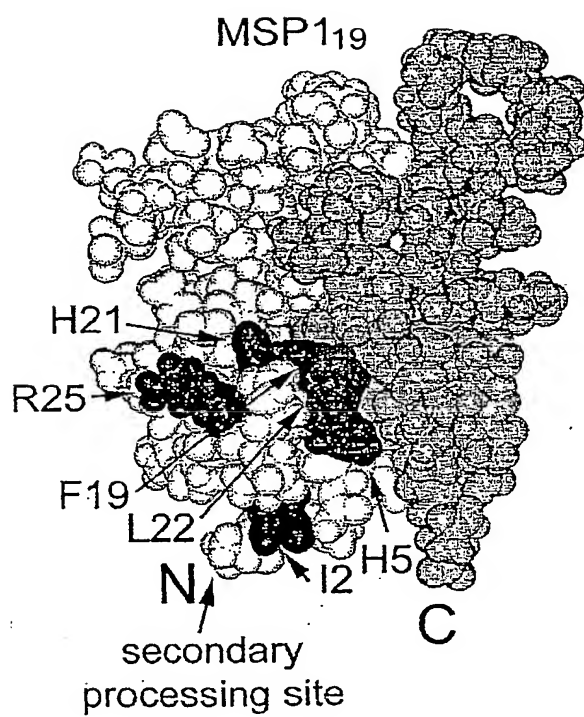
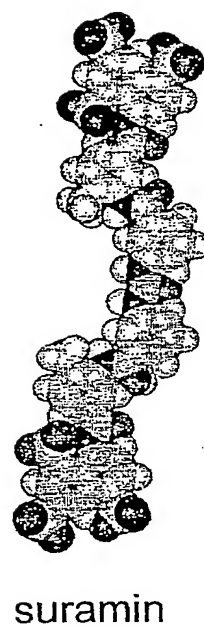
4 / 17

*Fig. 4*

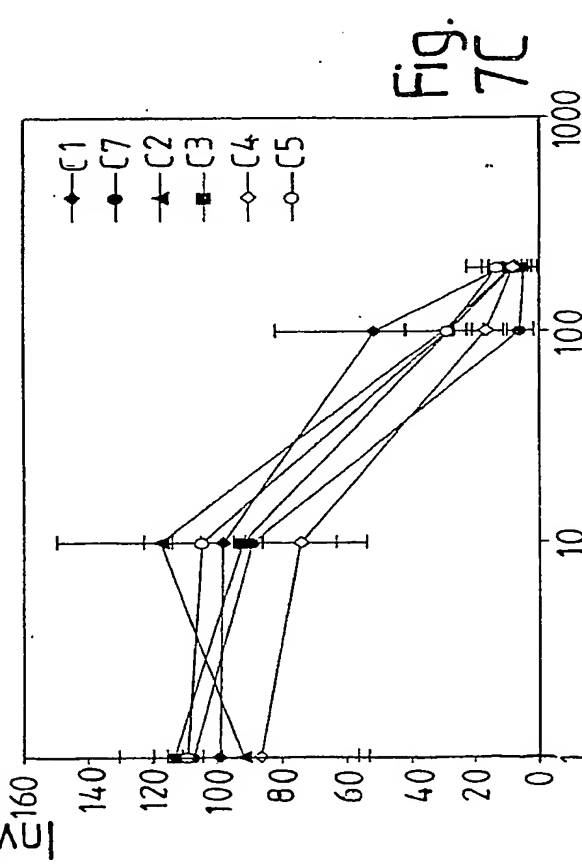
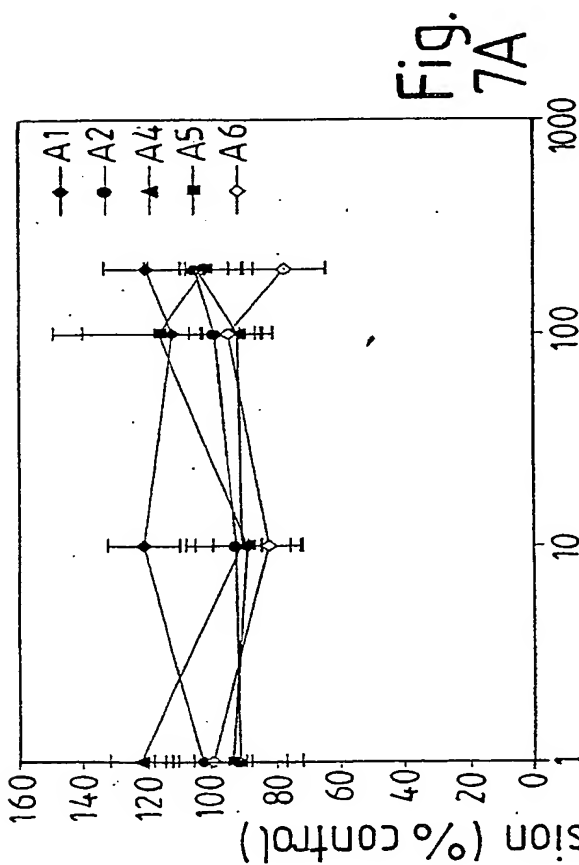
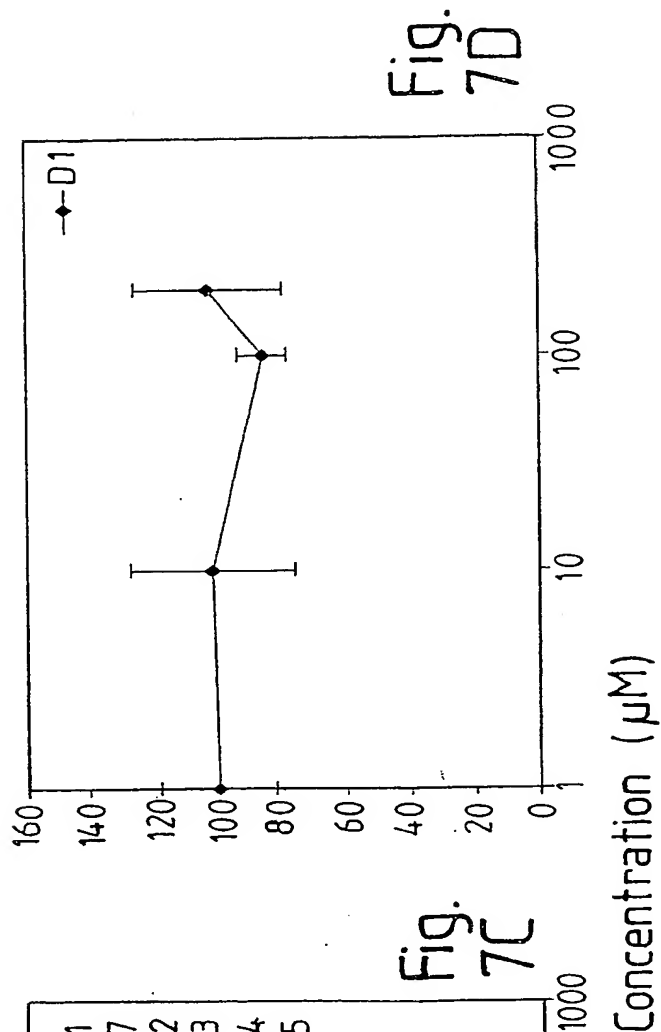
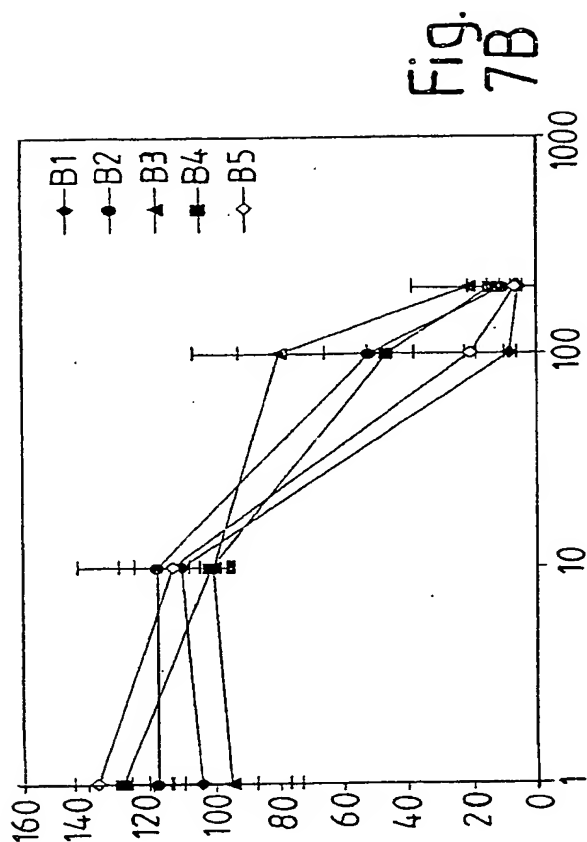
5 / 17

*Fig. 5A**Fig. 5B*

6 / 17

*Fig. 6(i)**Fig. 6(ii)*

7 / 17



8 / 17

[illegible]

PFwel142  
PFMAD42  
CAMP-42  
UPA-p42  
FC27-42  
3D7-42  
Pv142  
Pv242  
PCyn42  
Pk42  
Py42  
Pb42  
Pc42

Fig. 8 Sheet 1

9/17

Pfwel42	RENEKKNVEE	ELIPKDKLES	NYVYKIPYK	FUNKLEGRKE	ISNKKDE	TTDNEFAN	120
Pfemad42	RKFFLQVE	ELIMQKISS	NEYLTIES	FUNKLEGRKE	ISNKKDE	TTDNEFAN	110
CAMP-42	RKFFLQVE	ELIMQKISS	NEYLTIES	FUNKLEGRKE	ISNKKDE	TTDNEFAN	100
UPA-p42	RKFFLQVE	ELIMQKISS	NEYLTIES	FUNKLEGRKE	ISNKKDE	TTDNEFAN	90
FC27-42	RKFFLQVE	ELIMQKISS	NEYLTIES	FUNKLEGRKE	ISNKKDE	TTDNEFAN	80
3D7-42	RKFFLQVE	ELIMQKISS	NEYLTIES	FUNKLEGRKE	ISNKKDE	TTDNEFAN	70
Pv142	RKFFLQVE	ELIMQKISS	NEYLTIES	FUNKLEGRKE	ISNKKDE	TTDNEFAN	
Pv242	RKFFLQVE	ELIMQKISS	NEYLTIES	FUNKLEGRKE	ISNKKDE	TTDNEFAN	
Pcyn42	RKFFLQVE	ELIMQKISS	NEYLTIES	FUNKLEGRKE	ISNKKDE	TTDNEFAN	
Pk42	RKFFLQVE	ELIMQKISS	NEYLTIES	FUNKLEGRKE	ISNKKDE	TTDNEFAN	
Fy42	RKFFLQVE	ELIMQKISS	NEYLTIES	FUNKLEGRKE	ISNKKDE	TTDNEFAN	
Pb42	RKFFLQVE	ELIMQKISS	NEYLTIES	FUNKLEGRKE	ISNKKDE	TTDNEFAN	
Pc42	RKFFLQVE	ELIMQKISS	NEYLTIES	FUNKLEGRKE	ISNKKDE	TTDNEFAN	

Fig. 8 Sheet 2

10/17

Pfwel42	130	140	150	160	170	180
PfMAD42	130	140	150	160	170	180
CAMP-42	130	140	150	160	170	180
UPA-p42	130	140	150	160	170	180
FC27-42	130	140	150	160	170	180
3D7-42	130	140	150	160	170	180
Pv142	130	140	150	160	170	180
Pv242	130	140	150	160	170	180
Pcyn42	130	140	150	160	170	180
Pk42	130	140	150	160	170	180
Py42	130	140	150	160	170	180
Pb42	130	140	150	160	170	180
Pc42	130	140	150	160	170	180

Fig. 8 Sheet 3

11 / 17

	190	200	210	220	230	240
Pfwel42	---	-K G	-NEKPEIN	NETTNTN	NKEDLV	NKVLNTY
PfMAD42	---	-EKK	-ESKPEIT	NLETTNN	NKEDLV	NKVLNTY
CAMP-42	---	-EKK	-ESKPEIT	NLETTNN	NKEDLV	NKVLNTY
UPA-p42	---	-EKK	-ESKPEIT	NLETTNN	NKEDLV	NKVLNTY
FC27-42	---	-EKK	-ESKPEIT	NLETTNN	NKEDLV	NKVLNTY
3D7-42	---	-EKK	-ESKPEIT	NLETTNN	NKEDLV	NKVLNTY
Pv142	---	-MAKKA	ELEKPEIN	SLAKESE	NKEDLV	NKVLNTY
Pv242	---	-IAKKA	ELEKPEIN	SLAKESE	NKEDLV	NKVLNTY
Pcyn42	---	-NAKK	ELOKPEIS	SLAKESE	NKEDLV	NKVLNTY
Pk42	---	-NAKK	ELOKPEIN	SLAKESE	NKEDLV	NKVLNTY
PY42	-K E	-EKK	-KPEIFE	SLAKESE	NKEDLV	NKVLNTY
Pb42	-K D	-EKK	-KPEIFE	SLAKESE	NKEDLV	NKVLNTY
Pc42	---	-K	-KPEIFE	SLAKESE	NKEDLV	NKVLNTY

Fig. 8 Sheet 4



13 / 17

pfwel42	KTVLNLLDG	NLQMLNIS	QCVKK-QC	PENS	CFR	DERER	CKCLL	NYK	OE	DK
PfMAD42	NTTISKLI EG	KFQMLNIS	QCVKK-QC	PENS	CFR	DERER	CKCLL	NYK	OE	DK
CAMP-42	NTTISKLI EG	KFQMLNIS	QCVKK-QC	PENS	CFR	DERER	CKCLL	NYK	OE	DK
UPA-p42	NTTISKLI EG	KFQMLNIS	QCVKK-QC	PENS	CFR	DERER	CKCLL	NYK	OE	DK
FC27-42	NTTISKLI EG	KFQMLNIS	QCVKK-QC	PENS	CFR	DERER	CKCLL	NYK	OE	DK
3D7-42	NTTISKLI EG	KFQMLNIS	QCVKK-QC	PENS	CFR	DERER	CKCLL	NYK	OE	DK
Pv142	KEILSOLLNV	QTOLLTMS	TCIDT-NV	PENAA	CYRYL	PGME	WRCLL	TFK	EE	GK
Pv242	KEILSOLLNV	QTOLLTMS	TCIDT-NV	PENAA	CYRYL	PGTE	WRCLL	TFK	EE	GK
Pcyn42	KKALSELLNV	QTOMLNMS	RCIDT-NV	PENAA	CYRYL	DGTE	WRCLL	YFK	ED	AGK
Pk42	KKVLSOLLNV	QTOMLNMS	KCIDT-NV	PENAA	CYRYL	DGTE	WRCLL	GFK	EV	GK
Py42	KKILAKMLNM	DGMDLLGVD	KVCVDTRDI	EKNA	CFRDD	NGTE	WRCLL	GKKG	NT	NT
Pb42	KKILAKMLNM	DSMDLLGID	KVCINTRDI	PANAL	CERYD	NGNE	WRCLL	GKKN	NT	NT
Pc42	KKILAKMLNM	DAMDLLGIG	NVCIST-ST	PENAC	CERYD	DGTE	WRCLL	GFKKDD	NR	NR

Fig. 8 Sheet 6

14/17

Pfwe142	CVENPNPTCN	ENNNCCDADA	KCTEEDSGSN	--GKKITCEC	TKPD\$YPLFD	IFC\$SS\$NFI
PfMAD42	CVENPNPTCN	ENNNCCDADA	TCTEEDSGSS	--RKKITCEC	TKPD\$YPLFD	IFC\$SS\$NFI
CAMP-42	CVENPNPTCN	ENNNCCDADA	KCTEEDSGSN	--GKKITCEC	TKPD\$YPLFD	IFC\$SS\$NFI
UPA-p42	CVENPNPTCN	ENNNCCDADA	KCTEEDSGSN	--GKKITCEC	TKPD\$YPLFD	IFC\$SS\$NFI
FC27-42	CVENPNPTCN	ENNNCCDADA	TCTEEDSGSS	--RKKITCEC	TKPD\$YPLFD	IFC\$SS\$NFI
3D7-42	CVENPNPTCN	ENNNCCDADA	TCTEEDSGSS	--RKKITCEC	TKPD\$YPLFD	IFC\$SS\$NFI
Pv142	CVPGSNVTC	DNNCCCAPEA	ECKMTDSN--	--RIVCKC	TKEGSEPLFE	VFC\$SS\$SFI
Pv242	CVPASNVTC	DNNCCCAPEA	ECKMTDSN--	--RIVCKC	TKEGSEPLFE	VFC\$SS\$SFI
Pcyn42	CVAPAPNMTCK	DNNCCCAPEA	ECKMNP----	--KNEIVCKC	TKEGSEPLFE	VFC\$SS\$SFI
Pk42	CVPAS-ITCE	ENNNCCCAPEA	ECTMED----	--KKEVECKC	TKEGSEPLFE	VFC\$SS\$SFI
Py42	CVENNNPTCP	INNNCCDPTA	SCQNAESTEN	--SKKIICTC	KEPTPNAYYE	VFC\$SS\$SFI
Pb42	CVHDSNPTCG	NNNNCCDPTA	GCQTAENREN	--SKKIICTC	KEPTPNAYYE	VFC\$SS\$SFI
Pc42	CVADDAAPVCN	NNNNCCDKNA	DCREVENTDR	DPSKKIIVCTC	KEPTPNAYYA	VFC\$SS\$SFI

Fig. 8 Sheet 7

Pfwe142	..... ..... .....	ISFLLIIML	ILYSEI-
PfMAD42	..... ..... .....	ISFLLIIML	ILYSEI-
CAMP~42	..... ..... .....	ISFLLIIML	ILYSEI-
UPA-p42	..... ..... .....	ISFLLIIML	ILYSEI-
FC27-42	..... ..... .....	ISFLLIIML	ILYSEI-
3D7-42	..... ..... .....	ISFLLIIML	ILYSEI-
Pv142	..... ..... .....	SLSFLLIMLL	FLLCMEL
Pv242	..... ..... .....	SLSFLLIMLL	FLLCMEL
Pcyn42	----- ----- -----	-----	-----
Pk42	----- ----- -----	-----	-----
Py42	..... ..... .....	ISILLITL	IVENIF-
Pb42	..... ..... .....	ISILLITL	IVENIF-
Pc42	..... ..... .....	ISILLITL	IVENLF-

430

16 / 17

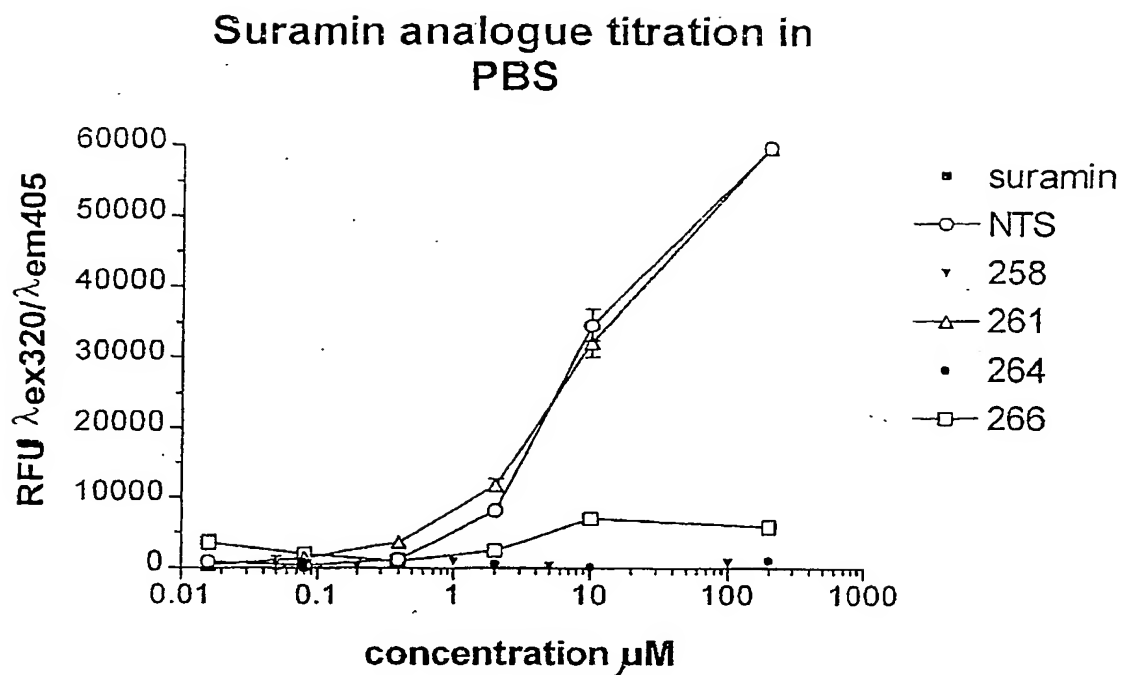


Fig. 9a

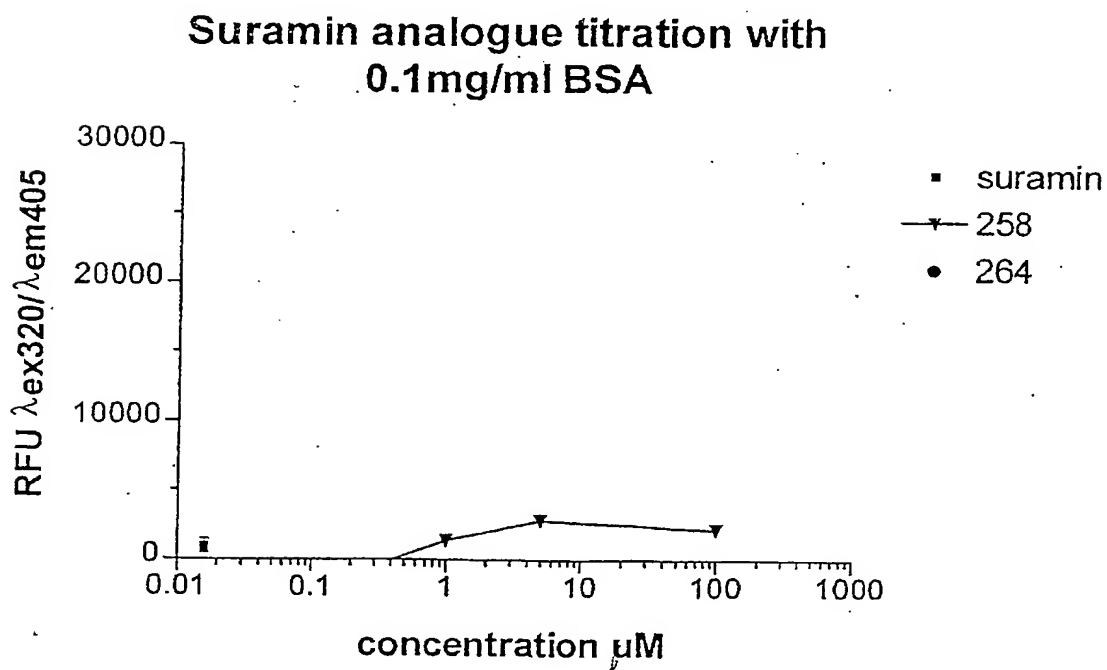


Fig. 9b

17 / 17

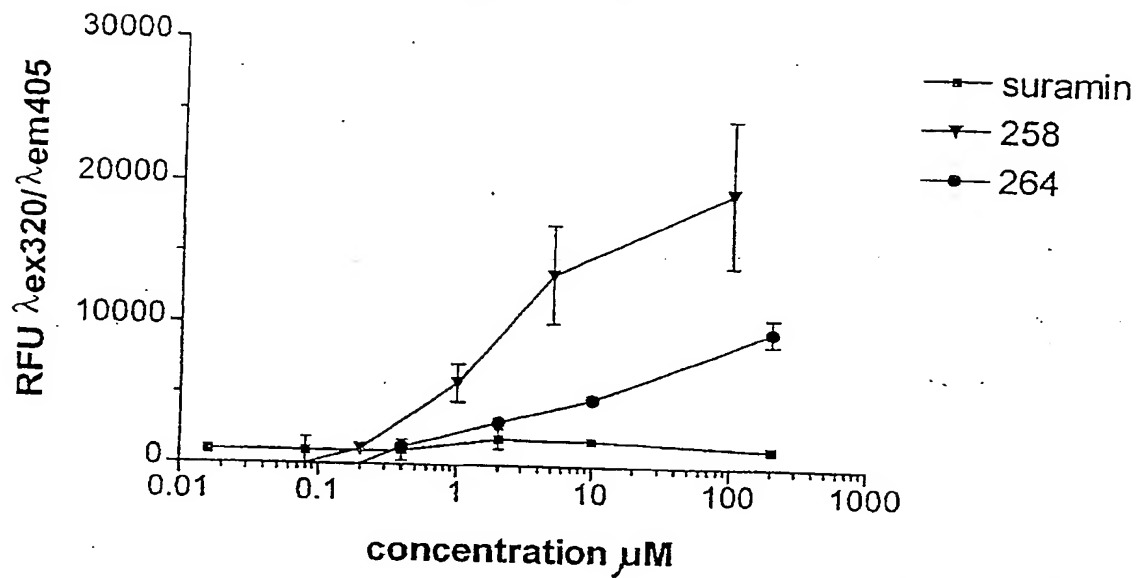
Suramin analogue titration with  
0.1 mg/ml MSP1

Fig. 9c

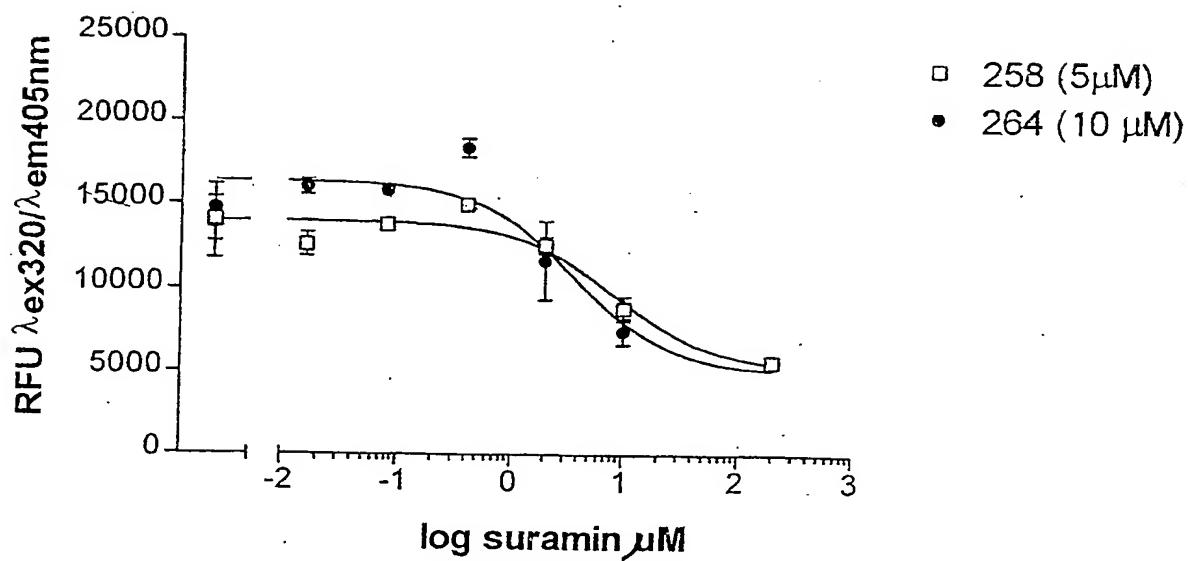


Fig. 10

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☒ FADED TEXT OR DRAWING
- ☒ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☒ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☒ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**